

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015637.D
 Acq On : 22 Apr 2020 21:33
 Operator : SY/MD
 Sample : L2370-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 03:11:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 03:05:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	128365	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122783	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58180	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30630	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.58	69	30712	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.12	63	50344	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.92	46	99663	46.27	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.54%
24) Chloroform-d	4.38	84	71080	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.06	65	42426	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.08	84	137502	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.09	67	44161	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.34	98	125916	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.64	79	12885	3.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.20%
46) 2-Hexanone-d5	8.11	63	74914	42.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30272	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	47453	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

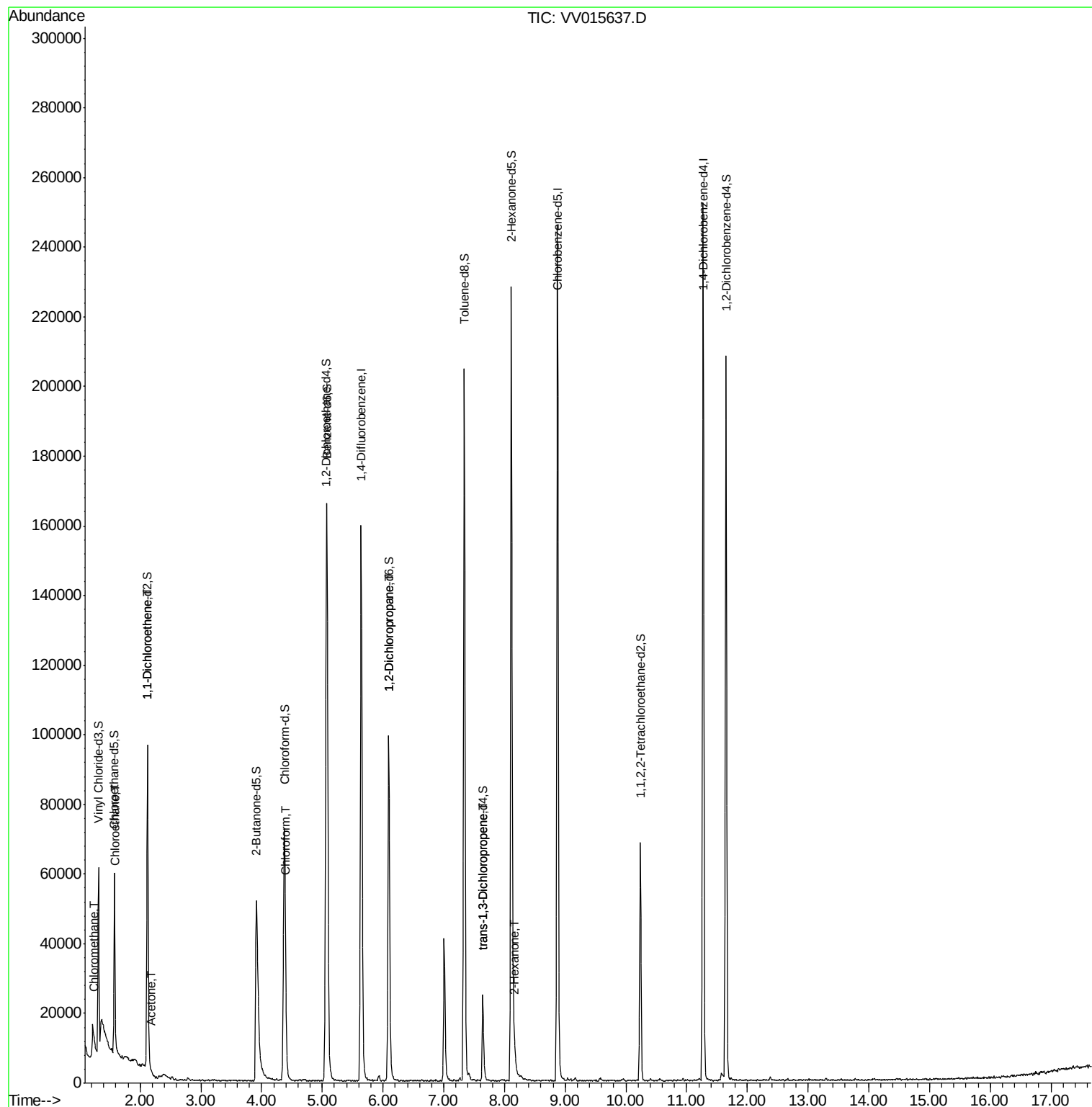
					Ovalue
3) Chloromethane	1.25	50	679	0.071	ug/L 100
8) Chloroethane	1.59	64	1079	0.162	ug/L # 59
12) 1,1-Dichloroethene	2.11	96	524	0.070	ug/L # 1
13) Acetone	2.20	43	1738	1.162	ug/L 94
25) Chloroform	4.40	83	2993	0.172	ug/L 85
37) 1,2-Dichloropropane	6.09	63	5684	0.637	ug/L # 86
44) trans-1,3-Dichloropropene	7.64	75	613	0.059	ug/L 87
48) 2-Hexanone	8.17	43	3521	0.853	ug/L # 85

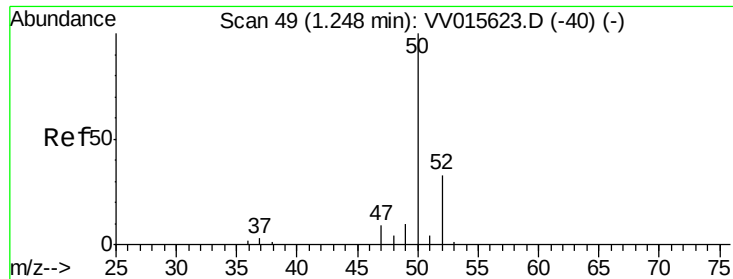
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 23 03:05:46 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.071 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV015637.D

Acq: 22 Apr 2020 21:33

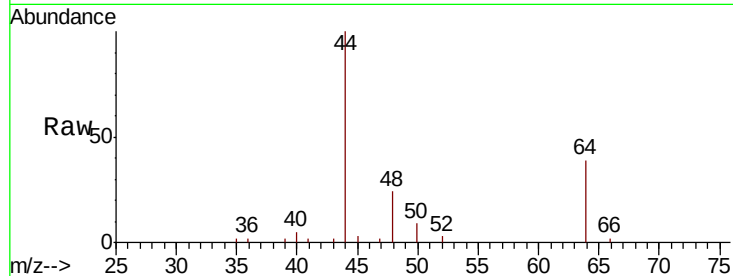
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 679

Ion Ratio Lower Upper

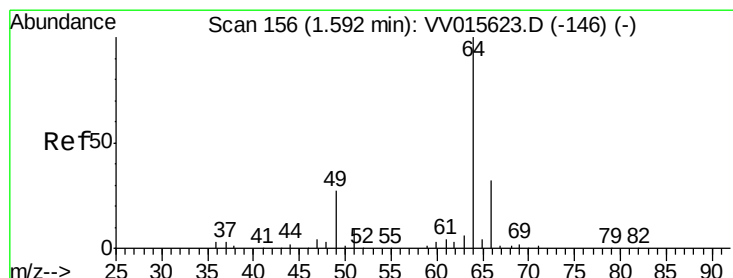
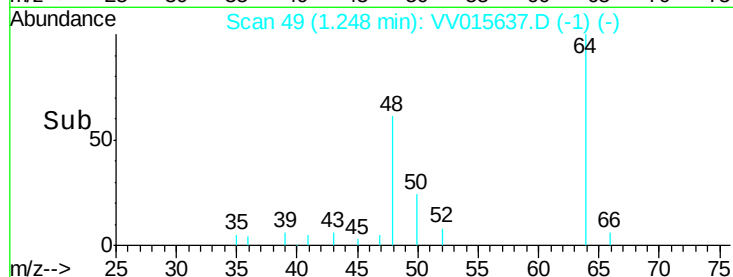
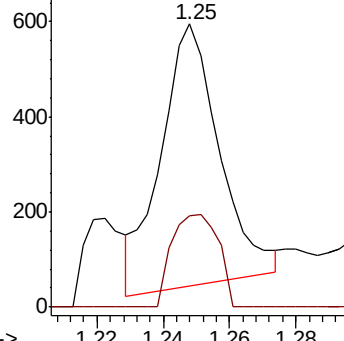
50 100

52 32.4 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.162 ug/L

RT: 1.59 min Scan# 156

Delta R.T. 0.00 min

Lab File: VV015637.D

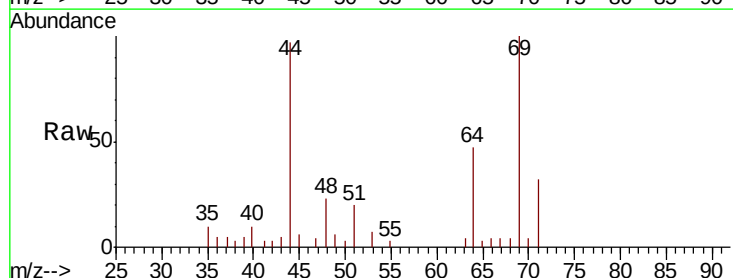
Acq: 22 Apr 2020 21:33

Tgt Ion: 64 Resp: 1079

Ion Ratio Lower Upper

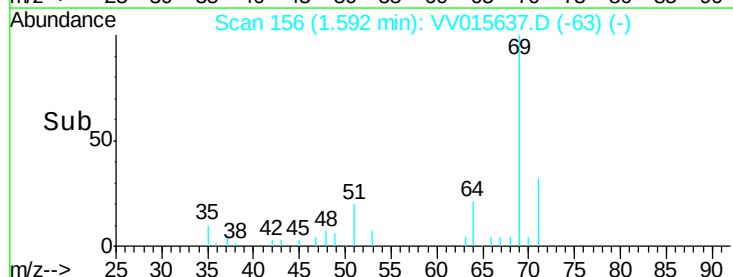
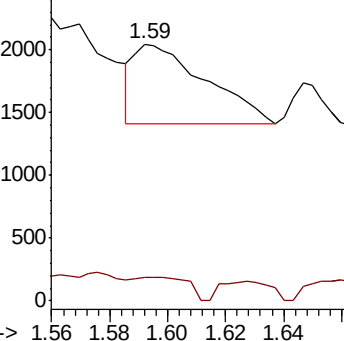
64 100

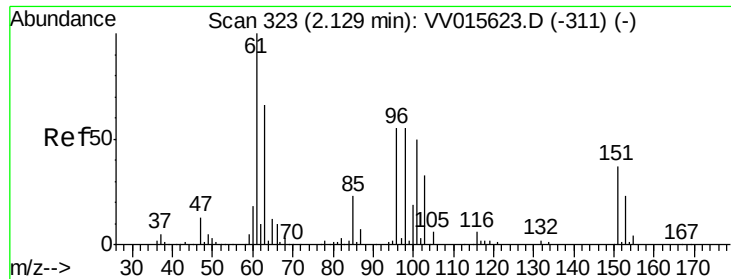
66 9.2 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

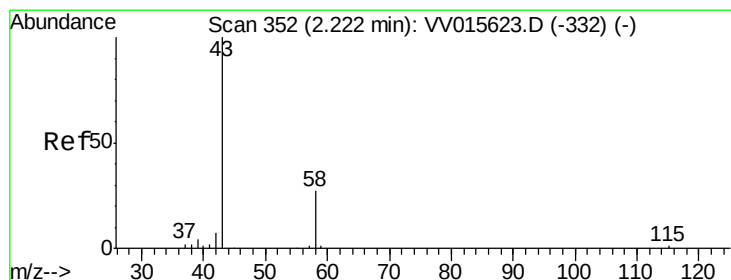
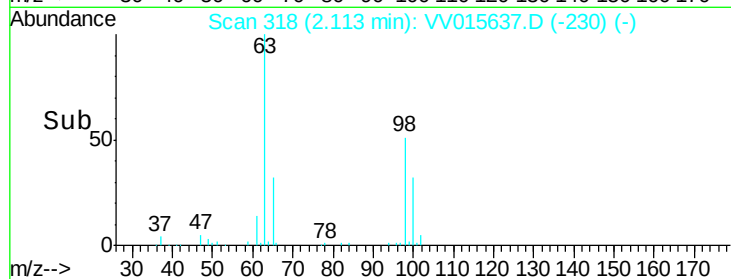
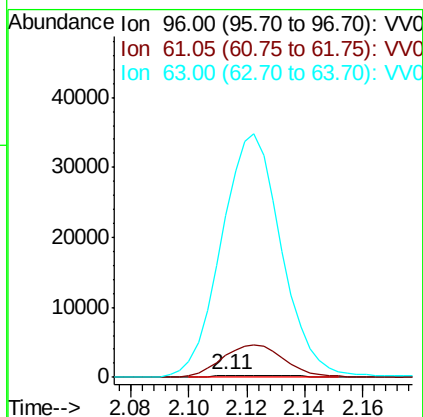
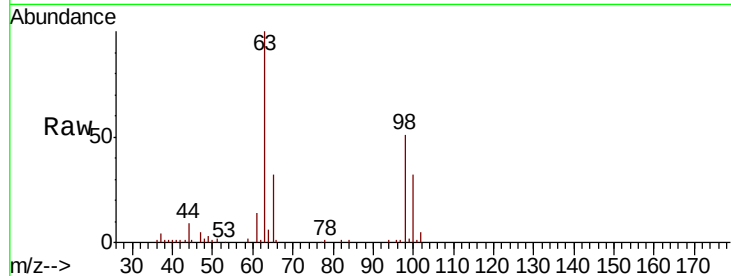




#12
 1,1-Dichloroethene
 Concen: 0.070 ug/L
 RT: 2.11 min Scan# 318
 Delta R.T. -0.02 min
 Lab File: VV015637.D
 Acq: 22 Apr 2020 21:33

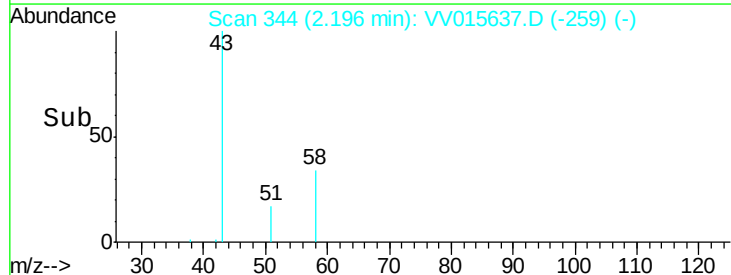
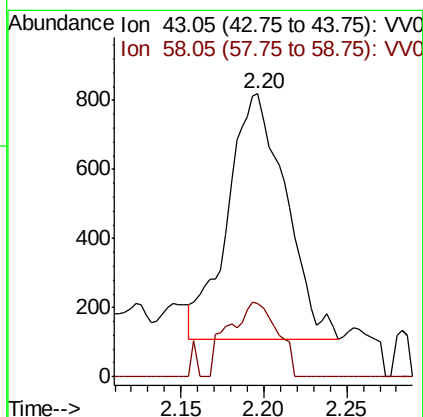
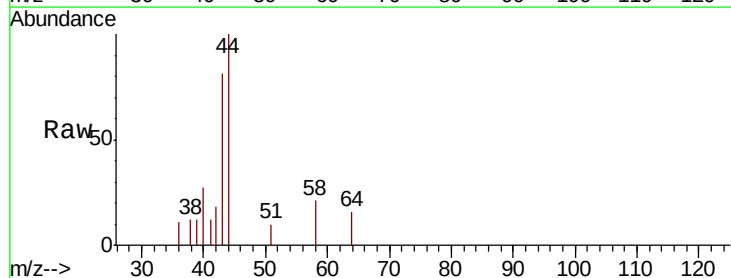
Instrument :
 MSVOA_V
 ClientSampleId :

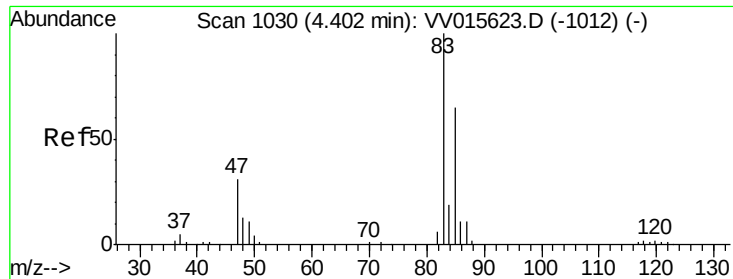
Tot Ion: 96 Resp: 524
 Ion Ratio Lower Upper
 96 100
 61 1155.9 130.1 241.7#
 63 8542.2 91.4 169.8#



#13
 Acetone
 Concen: 1.162 ug/L
 RT: 2.20 min Scan# 344
 Delta R.T. -0.03 min
 Lab File: VV015637.D
 Acq: 22 Apr 2020 21:33

Tgt Ion: 43 Resp: 1738
 Ion Ratio Lower Upper
 43 100
 58 25.7 0.0 57.6

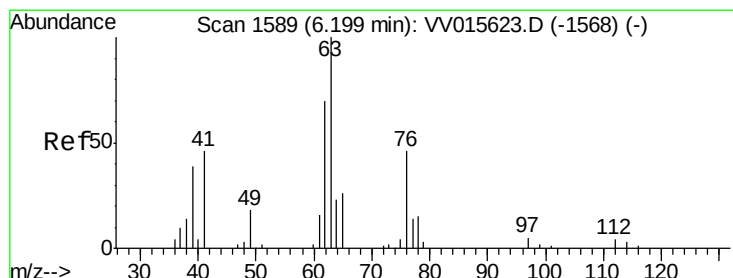
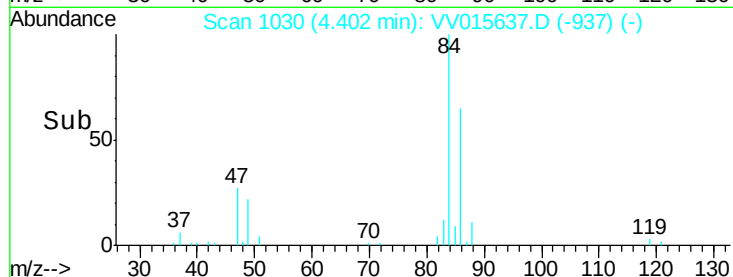
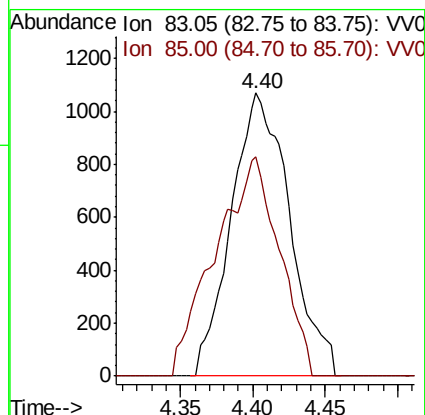
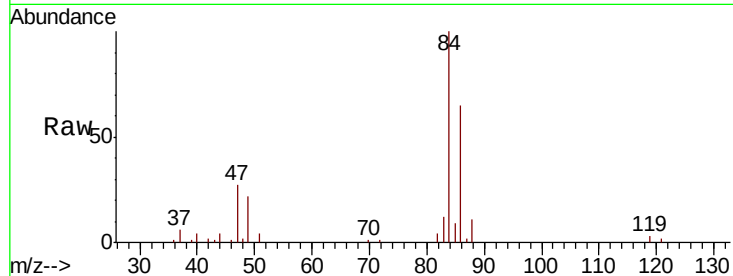




#25
Chloroform
Concen: 0.172 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015637.D
Acq: 22 Apr 2020 21:33

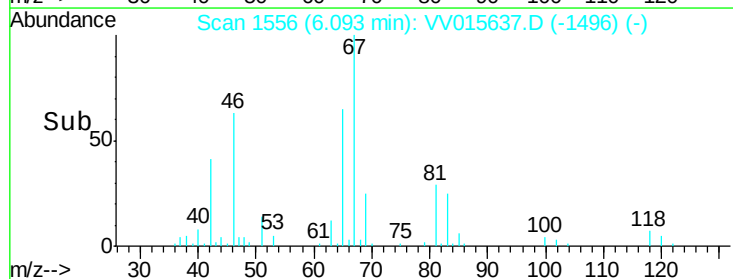
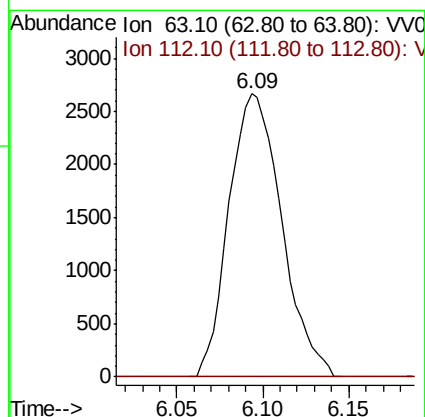
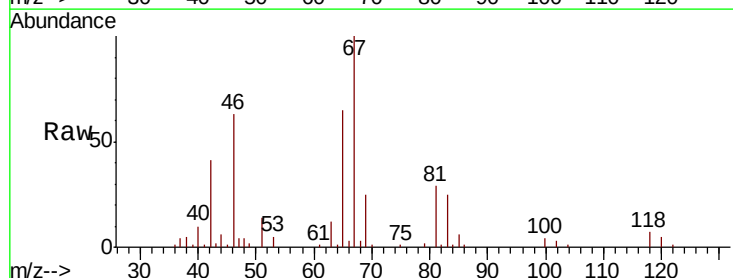
Instrument :
MSVOA_V
ClientSampleId :

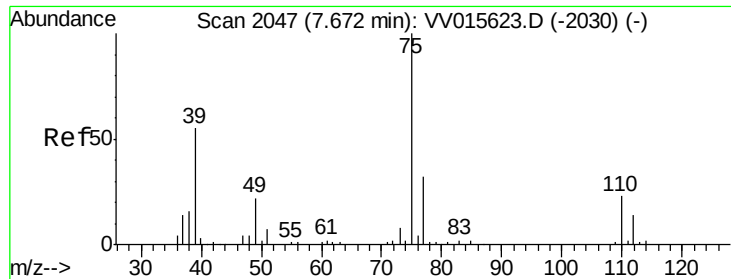
Tot Ion: 83 Resp: 2993
Ion Ratio Lower Upper
83 100
85 77.5 46.1 85.5



#37
1,2-Dichloropropane
Concen: 0.637 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV015637.D
Acq: 22 Apr 2020 21:33

Tgt Ion: 63 Resp: 5684
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#44

trans-1,3-Dichloropropene

Concen: 0.059 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015637.D

Acq: 22 Apr 2020 21:33

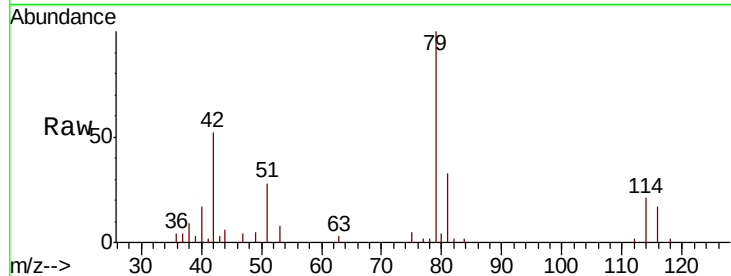
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 613

Ion Ratio Lower Upper

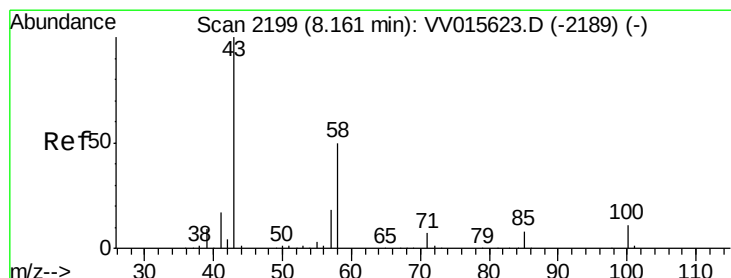
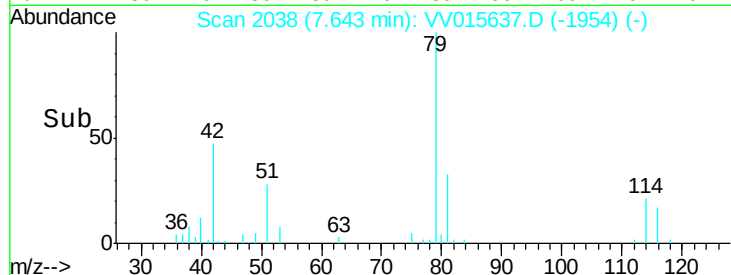
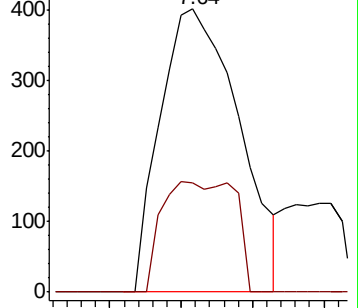
75 100

77 38.4 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 0.853 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV015637.D

Acq: 22 Apr 2020 21:33

Tgt Ion: 43 Resp: 3521

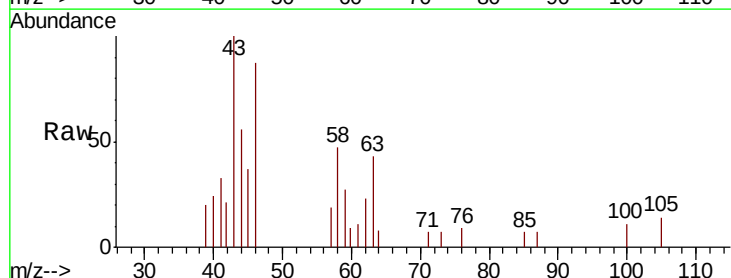
Ion Ratio Lower Upper

43 100

58 45.6 41.1 61.7

57 3.5 15.0 22.4#

100 6.4 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

